

Jason Ovenden

Junior Software Developer

Northamptonshire

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Personal Statement

Junior Software Developer with strong technical skills, a flair for communicating complicated ideas and a passion for technology. A physics graduate with experience working for multiple London based tech companies with strong problem-solving skills. Currently completing the Northcoders software engineering bootcamp to provide a foundation for a future as a full-stack software engineer. I enjoy solving difficult technical problems as part of a team and collaborating with others to design innovative and creative projects.

Technical Skills

Languages: JavaScript, using Node.js and browsers as environment

Testing: Test-Driven-Development (TDD), Jest, Supertest

Back-end: SQL, PSQL, seeding, migrations

Front-end: HTML, CSS, React, Lighthouse and other hosting tools

Hosting: Cloudflare, Netlify

Other: Paired programming, technical communications, SDL, Agile and SCRUM methodologies

Projects

[NC News Back-End Project:](#)

- A five-day project with the intent to mimic the building of a real-world backend API which provides information to the front-end architecture
- Built using JavaScript and PSQL, tests developed using Jest and Supertest, hosted using ElephantSQL and Render
- This project posed many challenges including the creation of numerous endpoints with a variety of methods (GET, POST, PATCH and DELETE)
- All tickets for this project were completed and delivered by day 3, allowing additional time to refactor for readability and include additional endpoints.
- This project involved the use of new applications helping to develop my skills using documentation
- Demonstrates competence constructing complex database queries which include multiple optional parameters

[NC News Front-End Project](#)

- A five-day project with the intent of constructing Northcoders News, the front-end architecture to complement the previously built and deployed backend API
- Built using React, JavaScript, CSS and HTML, deployed using Netlify
- Designed complex application tree with associated wireframes which were then developed in-line with the existing back-end API
- Requires conditional rendering of components based on user interactions and makes use of optimistic rendering where appropriate

Work Experience

Trainee Software Developer

Jan 2024 – Apr 2024

Northcoders

- 13-week Software Engineering bootcamp teaching the technical skills of full-stack software development in a professional environment.
- This course covered coding fundamentals, back-end, front-end and facilitated the creation of several projects

Assistant Progress Leader – science

Apr 2023 – Dec 2023

Latimer Arts College

- Delivered high quality science teaching to years 7-13 (age 11 – 18).
- Assisted in the leading of the science department.
- Conducted lesson observations and managed schemes of work.

Teacher of Science (Physics)

Sep 2019 – June 2022

Robert Clack School

- Contributed to, designed and implement schemes of work at KS3, KS4 & KS5.
- Improved the quality of teaching & learning for physics within department by mentoring non-specialist teachers
- Promoted diversity within the physics cohort for both GCSE & A-level physics, specifically worked with STEM ambassador focussed on promoting physics for girls.

Teacher of Science

Sep 2018 – Aug 2019

Woodlands School

- Delivered high quality science teaching to years 7-11 (age 11 – 16).
- Implemented data management processes for handling pupil data.

Sales consultant

May 2015 – June 2017

Reward Gateway

- Delivered sales targets in excess of £50k per annum.
- Delivered online product demonstrations to prospective clients.
- Hosted the internal business conference broadcast live to 350 employees in five countries.

Sales consultant

June 2014 – May 2015

Backbone Connect

- Delivered monthly sales target.
- Provided client tours of various London Data Centres

Marketing and Operations manager

July 2013 - June 2014

Selsor Cable Technology

- Delivered business product catalogue suitable for UK market including pricing and lead times
- Implemented business sales and accounting system

Education

Postgraduate Certificate in Education Science - University of Greenwich

Sept 2017 - Aug 2018

Bachelor of Science (BSC), Physics - (2:2) - University of Leeds

Sept 2009 - June 2012

Personal Interests

- Travel – from Sept 2022 to April 2023 I travelled South-East Asia, Japan, Indonesia, Australia & New Zealand
- Sports – enjoy playing racquet sports especially squash, competitive road cycling and occasionally golf